Executive Engineer
Byatarayanapura Division
Malahanka Zone, B.B.M.P.
Bangaloro-560092

25/02

I st And Final Bill

SBRW = 03/16-17

26/5/16

Work code - 005-16-000028

Estt cost. 20.00 Lacs

M. A. R. 57 (Rule 116)

Measurement Book

No. B 264301

Serial No. ..... Drilling & Bore wells and providing Pumpsets

Name of Work Motor At Kathigenahally From ..... Bevahalli To Vinayakanagara

Name of Contractor of nature of Agency ... in Ward no. 05. Byatarayanapura Sub

Date of commencement of work ... division. 3/3/16

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	BR/88/3/16						
	Work order no. -	BBMP	EE	BTP	WO	239	2015-16
	Name & Contractor -	H.V. Nagaraj Thirumala Complex Bagepally. 561207.					
(1)	Geophysical investigation & site for sinking boewell for supplying drinking water to the habitation either through the hand Pump MWS or PWSS by vertical						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Electrical Sounding by adopting Vennar & Schlumbergers method including reconnaissance Survey & geological formation hydrological investigation & existing ground water in vicinity its quality and acceptability & the resrs indicating the location & size recommended depth & casing pipe required to seal the top ese. Completed as per specification ese. completed.						
	1) Vinayakanagara Near (Sreerama temple)	1	–	–	–	1	
	2) Vinayakanagara (Lakshminarasimha Provision Store)	1	–	–	–	1	

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Serial No. .....
Name of Work ..... Fron
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
	3) Sirinagara 2nd Cross Kattigenahally.	1
	Rate 2033 : 40 per Mtr	
	Rs 5/3/16 AE-05	
2)	Sinking & boreing by dust hydraulic DTH & CMF and above in all 20 Mtr Sinking & Casing P	

BOOK

ons		Contents	Reference to last Measurement
eadth 5	Depth 6	7	8
d Boring Vernier & Screw-			
reconnaissance Survey &			
al investigation & existing			
Quality and acceptability			
ression & size recommended			
to seal the top ese.. Compress			
sed.			
-	-	1	
-	-	1	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

264302

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	3) Sirinagara 2nd Cross Kathrisenahally.	1	-	-	-	1	
	Rate 2033:40					3 no.s	
	Rs 5/3/16 AE-05						6100:20
	2) Sinking & boreWell & 165 mm dia clear using sucker Jost hydraulic m/c & Capacity 250 PSI & above 900 CMF and above in all strata including over burden as 20 mm Sizing & casing Pipes Cocrete and cap with necessary						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
12)	Supplying and delavery of five brand new Texmo / innoval / Lubi / Sabar / Atalanta / Calamal / Waterman / Radha make Suitable HP deep well Submersible Pumset Suitable for vertical installation in 100 dia borewell Compressing & Single phase or multistage CR Pump Close coupled by means of stainless steel coupling to Suitable HP Suitable speed totally enclosed and speed with Pure drinking water squirrel cages Submersible motor Suitable for operation of 3PH 50HZ 380/ known V AC supply fitted with required accessories Non return valve etc. 15 HP 25 stage etc. Compressed.						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Num
1	2	3
	① Vinayaka nagara Near Sreerama Temple ② Vinayakanagara Near Lakshminarasimha Stone Seen. 20/14 ③ Sirinagara 3 Cross Kattigenahally Rate 68615 : 00 20/2/16 AE-05	

K

epth 6	Contents 7	Reference to last Measurement 8
rand new Termo/ anual/ Waserman/ e submersible Pumpset n in 100 dia Sonewall ssy base CR Pump s steel coupling to enclosed and steel with yes submersible inde PH 50X2 380/ three ph essmeg guaranteed ase also supplied.		

M. A. R. 57 (Rule 116)
Measurement Book

No. B 264307

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	① Vinayaka nagara near Sreerama Temple	1	-	-	-	1	
	② Vinayaka nagara near Lakshminagarshima Stone Seen.	1	-	-	-	1	
	③ Siri nagara 2nd Cross Kattigenahally	1	-	-	-	1	
						3 NO.	
	Page 68615 : 00						205845 : 00

20/4/16
AE-05

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Using tapered inversed Wooden Plugs Screws ese. Size 20 x 20 x 2-5 inches ese. connected.						
	1)	1	-	-	-	1	
	2)	1	-	-	-	1	
	3)	1	-	-	-	1	
						3 no.	978:00
	Rate 326:00						
	36) Extra Work Ex Supplying fixing Wooden Screwing Sanitary line and electrical conduiting either in Pits or in trenches 1.00 mtr and above in width						

Assistant Executive Engineer
Jayanagar Sub Division
B.B.M.P. Bangalore

Foundation & Buildings

rial No. .....
me of Work .....
me of Contractor of nature of Agency .....
te of commencement of work .....

ate	Full description, etc, of work	Nu
	2	
	in hard Soil excavated the bottom and sides ed Soil clear from ex after leaving 6 Co	
	As Per Pre. Meas No. 264369	
	Rate 296:00	

ENT BOOK

Dimensions			Contents	Reference to last Measurement
ngth 4	Breadth 5	Depth 6	7	8
			Wooden Press Screws ese..	
se..			connected.	
-	-	-	1	
-	-	-	1	
-	-	-	1	
			3 no.	978:00

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ei foundation & buildings
ine and electrical conduits
nches 1.00 mtr and above in width

M. A. R. 57 (Rule 116)
Measurement Book

No. B 264319

erial No. .....
ame of Work ..... From..... To.....
ame of Contractor of nature of Agency .....
ate of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
	in hard Soil exceeding 1.00 mtr in depth include pressing the bottom and sides & pits and trenches & stacking the excavated Soil clear from edges & excavation with lead upto 50 mtr after leaving & Coods complete as per specification.						
	As per Pre. Measurement recorded vide Page No. 264369 to 264370 & this MB.					257.85 m³	
	Page 296:00						76323:60

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
37)	Providing and installing GI size & class 63mm (0.662) PVC Pipes @ 6 Kg/cm² including cost of Pipes and Specials and castings including lowering into trenches laying true to line level and perfect jointing as joining clamps including jointing & approved type. With all labour and lift charges handling charges including joining & approved type with all castings and lift charges handling charges including encasing the Pipe already & depth not less than 1.5 mtrs over Complete. As per Pre-measurement recorded vide Page No. 2643 70 to 26 4372 & Orig MB						

erial No. .....
ame of Work .....
ame of Contractor of nature of Agency ....
ate of commencement of work .....

Date	Full description, etc, of work
	2
	Rate 384:00
38)	Refilling all cavities in layers not exceeding 20 cm depressed layers by ramming with suitable implements to 90 MDD and lift charges Complete as per Specification No. 38 Page 82: 00

BOOK

ns		Contents	Reference to last Measurement
adth 5	Depth 6	7	8
se & work 63mm (0.062)			
up cost & Pipes and Specia			
ints to trenches Laying			
et linking as joints Lea			
rooved type. With all tes			
ves including joints			
ons and test chambers			
n casing the Pipe alon			
ches complete.			
recorded vide			
72	& Pg MB		

M. A. R. 57 (Rule 116)
Measurement Book

No. B 264320

erial No. .....
ame of Work ..... From..... To.....
ame of Contractor of nature of Agency .....
ate of commencement of work .....

Date	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Rate 384:00					573.00 mtr	
							220032:00
38)	Refilling available earth around pipe line cables in layers not exceeding 20cms in depth Compacting earth deposited layer by Ramming after watering with Lead upto 50 mtr and Lift upto 1-50 mtr including Cost of all Labour Complete as per Specification.					257.85 m³	
	Rate 82:00						21143:70

Quantity vide Item no. 36

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	BESCOM Deposit Charges Total Rs -						2049797 2,38,402=00
	Paid to Bescom towards Application Fees					3 x 100 : 300 : 00	
	Paid to Bescom towards 2 months Minimum deposits.					3 x 11100:00 = 33300:00	
	Paid to Larsen and Tubro limited towards Purchase & Energy Electric meter.					3 x 1889:00 5667:00	
						Total Rs -	3136 2089064 = 2,77,669=00

Cite Mbmlw dtd 26/5/16

ಸಹಾಯಕ ಅಭಿಯಂತರರು ೫
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

Assistant Executive Engineer
Byatarayanapura Sub Division
B.B.M.P. Bangalore

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	N
1	2	
	Corrigicase. 1) Corrigied shas 2) This bill Amou & Previous bi	

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ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

BOOK

ns		Contents	Reference to last Measurement
eadth 5	Depth 6	7	8
Total	Rs -		2049797 2,38,402=00
ion Fees			
	3 x 100 :		300 : 00
ensing Minimums			
	3 x 11100:00 :		33300:00
ired towards			
nege x. 3	x 1889:00		5667 : 00
	Total Rs -		3136 2089064
			2,77,669=00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 264321

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
	Certificate. 1) Certified that the work done Satisfactory 2) This bill Amount has not been claimed in any of previous bill.						

26/5/16
Assistant Executive Engineer
Byatarayanapura Sub Division
B.B.M.P. Bangalore

26/5/16
ಸಹಾಯಕ ಅಧಿಶಿಯಂತ್ರಿಕರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

MEASUREMENT BOOK

Siri Nagara

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Lakshminarasimma Provision Store						
	Borewell		Vinayaka Nagara				
			Borewell				
						1 1/2" Cross	Bore well 2nd Cross
			Sreerama Temple				
						PVC	Pipe line

Assistant Executive Engineer
Byatarayanapura Sub Division
B.B.M.P. Bangalore

ಸಹಾಯಕ ಆಭಿಯಂತರರು ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

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erial No. .....
ame of Work ..... From
ame of Contractor of nature of Agency .....
ate of commencement of work .....

Date	Full description, etc, of work	Number
	2	3
		20,77,669= 1267 19,51,930=00

T BOOK

Siri Nagara

sions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
		I st crack	Bore well (A) 2nd crack
		PVC	PIPE line

Engineer
Sub Division
alore

M. A. R. 57 (Rule 116)
Measurement Book

No. B 264322

rial No. .....
me of Work ..... From..... To.....
me of Contractor of nature of Agency .....
e of commencement of work .....

ate	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		20,77,669=00				IT — 20777 —	
		126739=00				VAT = 83107 —	
						CWC — 20777 —	
		19,50,930=00				CSF — 2078 —	
						BAL — 126739=00	